



# **Saddlebag LED R-B-T Lights**

## **Universal Fitment**

### **INSTRUCTIONS**

(Please read all instructions before beginning install)

#### **Parts included:**

- 1- Saddlebag LED Lights w/ wiring Harness & Quick Detach Connectors
- 6- Wiring Blocks
- 4- Posi-Lock Connectors
- 7- Zip Ties

#### **Before Beginning Install:**

These LED's can be used as a Run-Brake-Turn if you have a factory R-B-T, or aftermarket R-B-T conversion module.

They can also be used in any one of the following three configurations (if you don't have a R-B-T conversion module)-

1. Running & Brake Lights
2. Running & Turn Signal Lights
3. Brake & Turn Signal Lights

#### **General Information:**

**DO NOT BEND THE LED STRIP UNTIL IT IS WARMED UP.** If you do, damage may occur.

The Black Wires with the Posi-Locks installed are the ground wires.

The Orange Wires with the Posi-Locks installed are the Running Lights. (Half Intensity)

The Red Wires with the Posi-Locks installed are the Brake Lights/Turn Signals. (Full Intensity)

Before beginning install, if you do not have factory R-B-T, or an aftermarket R-B-T conversion module, decide which configuration you are going to use-

Running & Brake Lights  
Running & Turn Signal Lights  
Brake & Turn Signal Lights

### **Installation Steps:**

1. Decide where on your bike you are going to install your new LED Lights. Some prefer on the inner side of the saddlebag, we prefer under the saddlebag towards the rear of the bike.
2. It is important to notice that the LED Lights shine out only on one side of the LED light strip. There is a left and a right. For the left side bag the wires come out of the right side of the light. Use a 12v source when test fitting before final installation of the lights.
3. Once you are ready to attach the LED Light Strips, clean the area where it is to be installed with alcohol and let dry. Peel the red 3m tape covering off and install the light in place (hold in place for 30 seconds to insure a secure bond.) Repeat for the other side. (It is very important to clean the area thoroughly with alcohol, not doing so will result in the light not attaching well.)
4. Now is the time to decide the routing of the wires. Be sure to keep in mind that the connector is meant to be in an easily accessible location to make removing the bags a snap. We prefer running the wires along the inside bottom of the saddlebag with the connector right at the front of the saddlebag.
5. Using the supplied wiring blocks (make sure to clean the spots with alcohol where you are going to attach the wiring blocks) and zip ties route the wires to the front of your saddlebag and then up to the area under the seat where the factory connectors are. It is **VERY IMPORTANT** when doing this to make sure that the wires do not come into contact with any moving parts that could damage the wires. Repeat for the other side.

### ***(for Non- R-B-T install)***

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6. Locate the wires on your bike for your desired configuration-  
Running & Brake Lights  
Running & Turn Signal Lights  
Brake & Turn Signal Lights

This can be done with a test light or a multi-meter.

7. Once the wires are located, you can connect the bikes wires to the pre-installed Posi-Lock Connectors. Unscrew the gray side and tap into the bike wire (there is no need to strip the wire, the sharp point of the Posi-Lock will pierce the plastic sheath and provide a good connection to the wire).

8. They are to be wired in as such:

The Black Wires are to be connected to a ground.

The Orange Wires are to be connected to the Half Intensity Function.

The Red Wires are to be connected to the Full Intensity Function. The Posi-Lock with the white dot is for the right side if the Turn Signals are to be used as your full intensity function.

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***(for R-B-T install)***

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9. Locate the wires for each function (running, left turn/brake, right turn/brake, and ground)

This can be done with a test light or a multi-meter.

10. Once the wires are located, you can connect the bikes wires to the pre-installed Posi-Lock Connectors. Unscrew the gray side and tap into the bike wire (there is no need to strip the wire, the sharp point of the Posi-Lock will pierce the plastic sheath and provide a good connection to the wire).

11. They are to be wired in as such:

The Black Wires are to be connected to a ground.

The Orange Wires (in some cases this wire may be white) are to be connected to the Running Light Wires.

The Red Wires are to be connected to the Brake/Turn Signal Wires. The Posi-Lock with the white dot is for the right side.

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12. Turn your key to the on position and verify the lights are working properly.

13. GO FOR A RIDE!!!!

## Important Notes:

- The rider's safety depends on the correct installation of this kit. Installation requires a basic knowledge of how to use a test-light & a Multi-meter, as well as how wiring works. Hooking wires up incorrectly can damage the lights and/or the motorcycle's electrical system. Please read & follow the Instructions above.
- Please make use of the ***How To: Wiring on a Motorcycle*** primer that you received.
- Please do not attempt if you have any doubts of your ability to install.
- This Light fits all 12 volt motorcycles, each one is wired a bit differently. We cannot assist in identifying which wire to connect to on the bike, HOWEVER, use of a test light or multi-meter will make the identification easy.
- This is a semi-permanent install. It is possible to remove the light once it is affixed. Warm it up by turning the light on for at least 5 minutes first, then carefully use fishing line and goo-gone to cut thru the industrial strength tape. Be very careful, it is possible to damage internal connections and this is not covered under warranty.
- It is important to check local laws or codes to make sure that the installation of this kit and/or the deletion of your factory turn signals will not violate any laws and will pass inspection in your area.

In recent years, Harley has been pretty consistent in using the following wire colors  
(However, it is important to check with a test-light or multi-meter)

Brake is Red

Running is Blue

Left Turn is Violet

Right Turn is Brown

Ground is Black

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.Note: The user shall determine suitability of this product for his or her use. The user shall assume all risk for damage and liability to the vehicle and for compliance of any regulations and any incurred financial obligations due to vehicle inspections.